

Application No.: 09/899,448

Docket No.: OSTEONICS 3.0-417

IN THE CLAIMS

Claims 1-28 (cancelled):

29. (currently amended) A pelvic prosthesis comprising:
a ball socket adapted to replace the acetabulum;
an anterior fanned wing extending upward from said
ball socket; and
a posterior fanned wing extending upward from said
ball socket, said posterior fanned wing being spaced apart from
said anterior fanned wing;
wherein
said anterior fanned wing defines at least two spaced
apart pin receiving holes;
said posterior fanned wing defines two spaced apart
pin receiving holes which are aligned with said pin receiving
holes defined by said anterior fanned wing;
said spaced apart holes on said anterior fanned wing
include a lateral anterior hole and a medial anterior hole, and
said spaced apart holes on said posterior fanned wing include a
lateral posterior hole and a medial posterior hole-hold; and
said lateral anterior hole, said medial anterior hole,
said lateral posterior hole, and said medial posterior hole-hold
are arranged such that a first pin extending through said
lateral anterior hole and said lateral posterior hole is not
parallel to a second pin extending through said medial anterior
hole and said medial posterior hole.

30. (previously presented) The pelvic prosthesis of claim
29 wherein said posterior fanned wing is substantially parallel
to said anterior fanned wing.

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31. (previously presented) The pelvic prosthesis of claim 29 wherein said ball socket utilizes a constrained liner.

32. (previously presented) The pelvic prosthesis of claim 29 wherein said fanned wings are offset curved surfaces.

33. (previously presented) The pelvic prosthesis of claim 29 further comprising a stabilizing hump extending between and substantially perpendicular to said anterior fanned wing and said posterior fanned wing.

34. (previously presented) The pelvic prosthesis of claim 29 further comprising an extension device for interconnecting the pelvic prosthesis with a femoral component.

35. (previously presented) The pelvic prosthesis of claim 29 wherein said anterior fanned wing is substantially taller than said posterior fanned wing.

Claims 36-41 (cancelled).